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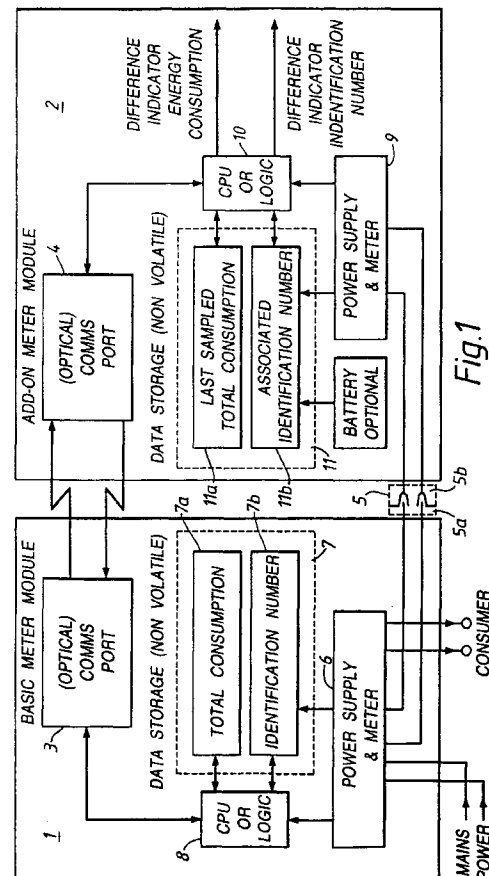
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(54) Improvements in or relating to electricity meters

(57) A modulated utility meter comprising a basic meter module, which is adapted for fixture in the premises of a consumer, and an 'add-on' module which is adapted to be received by the basic meter module, the modules each including a central processor unit (CPU), which serves to control operation of the module with which it is associated, which CPU includes a store for data appertaining to a quantity of the utility used as measured by meter means in the module of which it forms a part, and a comparator in one module which is arranged to compare the data of respective modules, and to provide an output signal in the absence of pre-determined correspondence therebetween.





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EUROPEAN SEARCH REPORT

Application Number
EP 96 30 2811

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int.Cl.6)
Y	EP-A-0 598 521 (GENERAL ELECTRIC) * abstract; figure 6 * * column 1, line 47 - line 49 * ---	1-8	G01R21/133 G01R21/00 G01R11/24 G01D4/00
Y	GB-A-2 280 290 (SIEMENS MEASUREMENTS) * abstract; figures 1,2,4 * * page 1, paragraph 3 * * page 3, last paragraph - page 5, last paragraph * * page 6, last paragraph - page 7, paragraph 1 * * page 9, last paragraph - page 10, line 2 * * page 10, paragraph 4 * ---	1-8	
A	EP-A-0 163 440 (GENERAL ELECTRIC) * abstract; figures * * page 3, line 2 - page 4, line 26 * ---	1	
A	GB-A-2 248 307 (GENERAL ELECTRIC) * abstract; claim 1; figures 1,3 * * page 4, last paragraph - page 5, paragraph 2 * ---	1	TECHNICAL FIELDS SEARCHED (Int.Cl.6)
A	EP-A-0 372 937 (A.J.MUTCH ET AL.) * abstract; figures 7,8 * -----	1	G01R G01D G07F
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 28 November 1996	Examiner Fritz, S
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document I : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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